

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0038] with the following amended version of paragraph [0038]:

[0038] FIG. 1 shows an embodiment of an apparatus having a nanodevice 1 for controlling the flow of charged particles (ion^+ or ion^-) in an electrolyte. This ~~device~~ apparatus comprises an electrolytic bath container 2 divided by a polymeric foil 3 into a first 4 and a second 5 compartment. Each compartment 4 and 5 comprises an electrode 6 and 7 connected to a voltage supply 8, which supplies in this embodiment a direct current voltage U_1 . The electrolytic current I is measured by a current meter 18.